

FIG.2

PRIOR ART

```

<HTML>
<HEAD>
<TITLE>
Example of RSAC1 and SafeSurf Rated Page
</TITLE>

<META http-equiv="PICS-Label" content- '(PICS-1.0
"http://www.rsac.org/ratingav01.html"
1 gen true comment "RASC1 North America Serber" by
"marks@icrosys.com" for "http://www.samplesite.com" on
"1996.09.05T02:15-0800" exp "1997.09.05T02:15-0800"
r (n 2 s 0 v 1 1 2))'>

<META http-equiv="PICS-Label" content- '(PICS-1.1
"http://www.classify.org/safesurf/" 1 gen t for
"http://www.samplesite.com/"
r (SS~~000 2 SS~~100 1))'>

</HEAD>
<BODY>
...

```

FIG.3
PRIOR ART

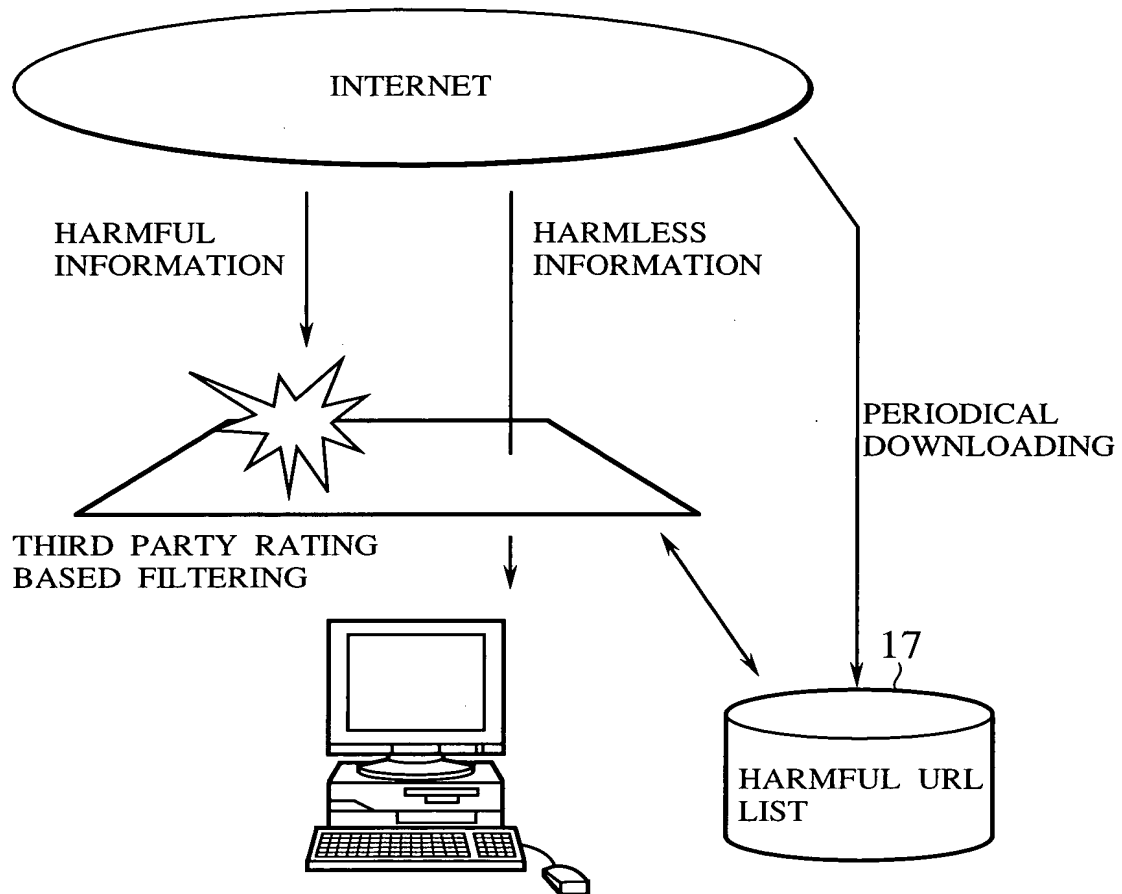


FIG.4
PRIOR ART

PRECISION & RECALL OF VARIOUS KNOWN FILTERING SCHEME

SCHEME	PRECISION	RECALL
SELF-RATING	LOW	LOW
THIRD PARTY RATING	HIGH	LOW
AUTOMATIC FILTERING	LOW	HIGH

FIG.5

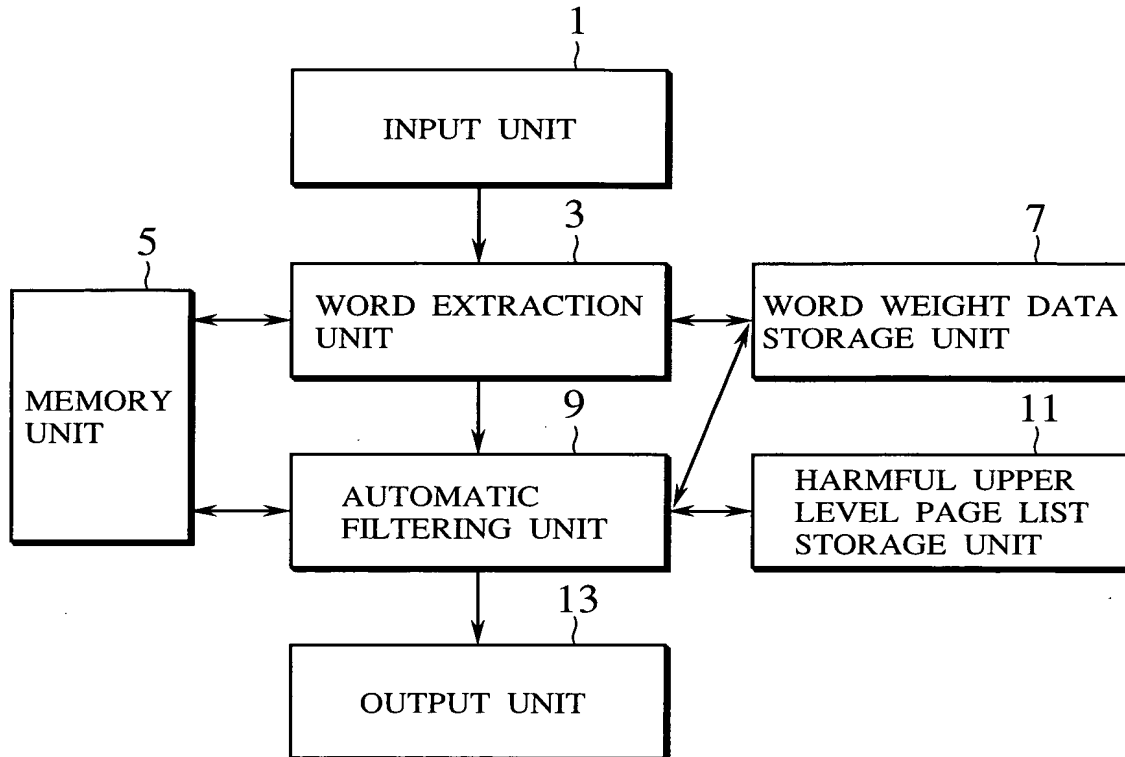


FIG.6

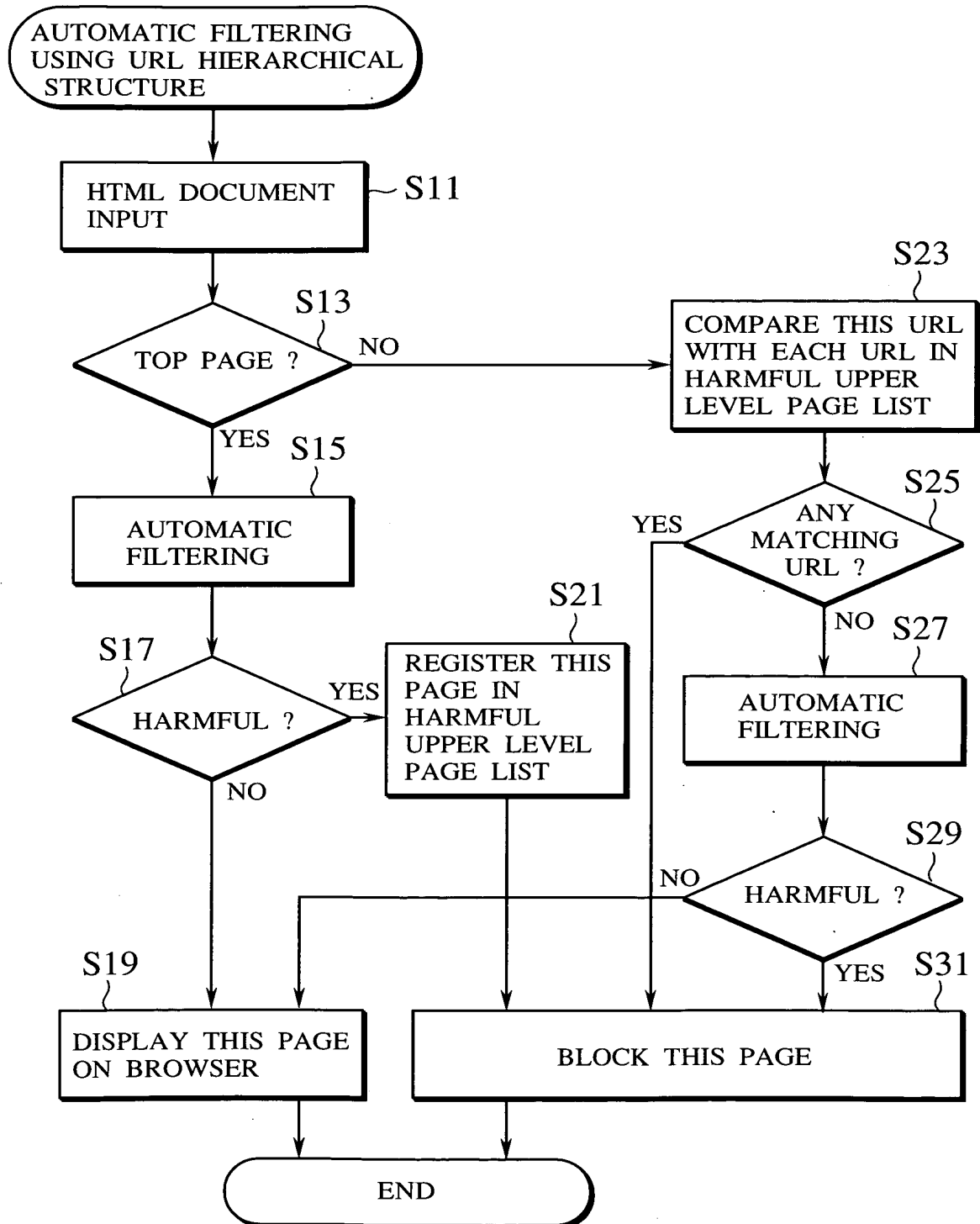


FIG.7

HTML PAGE HARMFULNESS RATING STANDARD

LEVEL	RATING	DESCRIPTION
1	HARMLESS	PAGE WITH NO SEXUAL EXPRESSION
2	PARTLY HARMFUL	PAGE WITH NO DIRECT SEXUAL EXPRESSION BUT CONTENT IMPLYING SEXUAL EXPRESSION
3	HARMFUL	PAGE CONTAINING SEXUAL EXPRESSION

FIG.8

HTML DATA HARMFULNESS RATING RESULT

LEVEL	NUMBER OF DOCUMENTS	RATE
1	6230	22.2%
2	2055	7.3%
3	19749	70.4%

FIG.9

HTML DATA DESCRIPTION LANGUAGE SURVEY RESULT

LANGUAGE	NUMBER OF DOCUMENTS	RATE
ENGLISH	15448	55.1%
JAPANESE	10839	38.7%
OTHERS	1747	6.2%

FIG.10

RATES OF UPPER & LOWER LEVEL PAGES OF HTML DATA IN HARMFUL DATA

TYPE	NUMBER OF DOCUMENTS	RATE
UPPER LEVEL DATA	1495	6.9%
LOWER LEVEL DATA	20309	93.1%

FIG.11

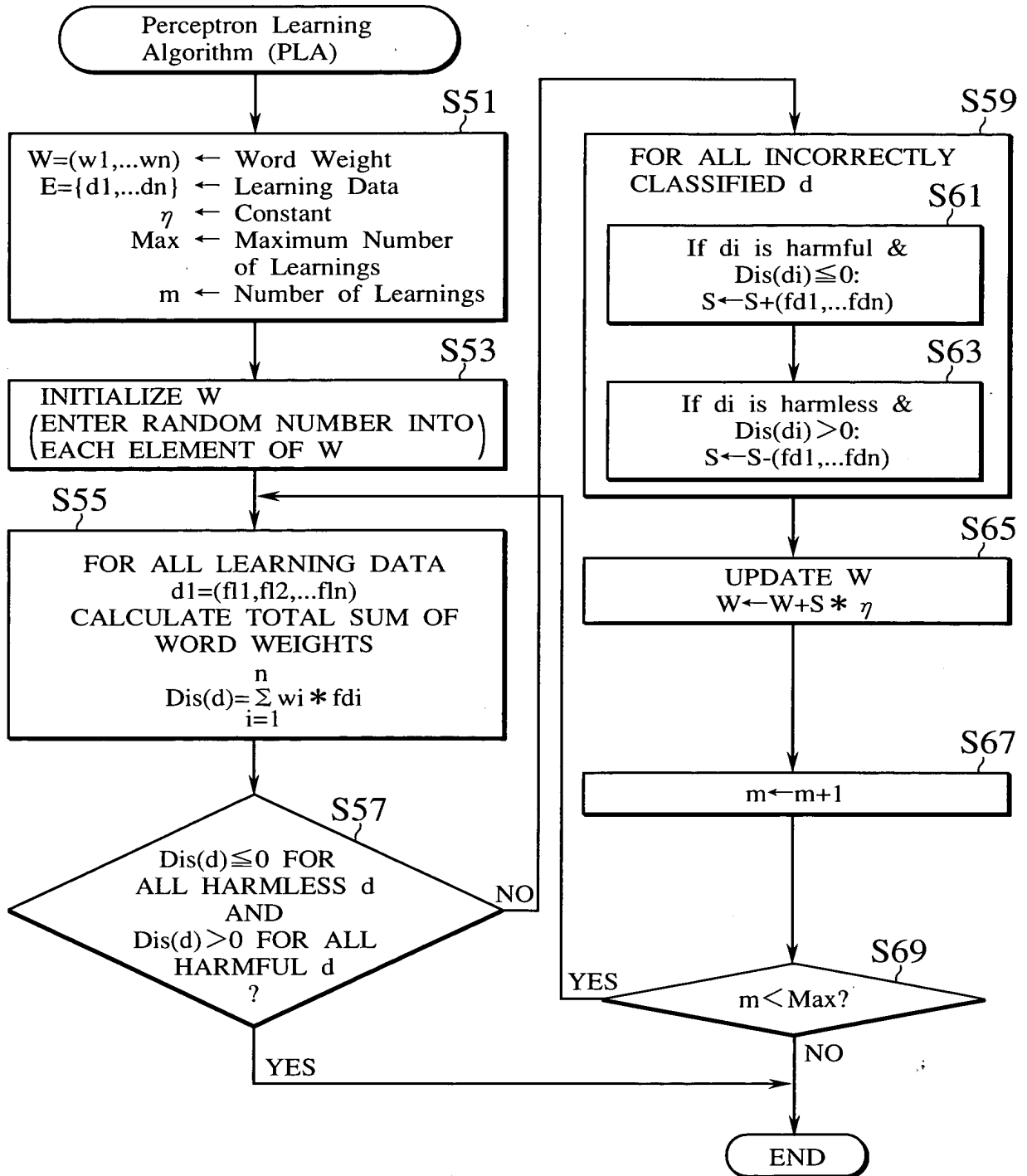


FIG.12

PRECISION & RECALL OF AUTOMATIC
FILTERING ON ALMOST TEXTLESS HTML DATA

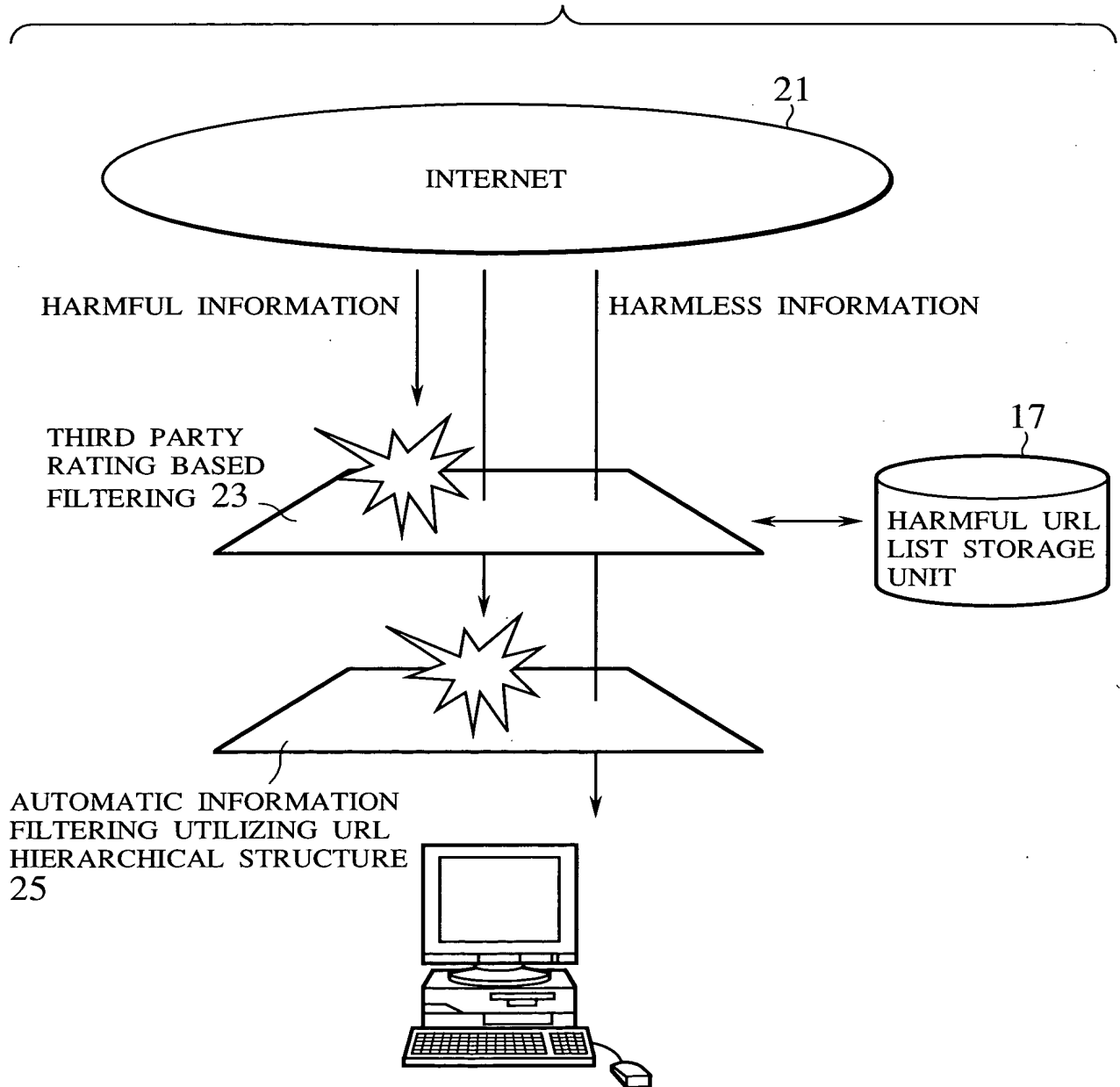
min	PRECISION	RECALL
5	88.2%	6.5%
10	92.1%	41.4%
15	91.0%	44.8%
20	91.6%	49.5%

FIG.13

PRECISION & RECALL OF AUTOMATIC FILTERING
ACCOUNTING FOR URL HIERARCHICAL STRUCTURE

min	PRECISION	RECALL
5	91.1%	68.2%
10	91.7%	79.8%
15	90.1%	80.7%
20	90.2%	82.0%

FIG.14



00602757.024100

FIG.15

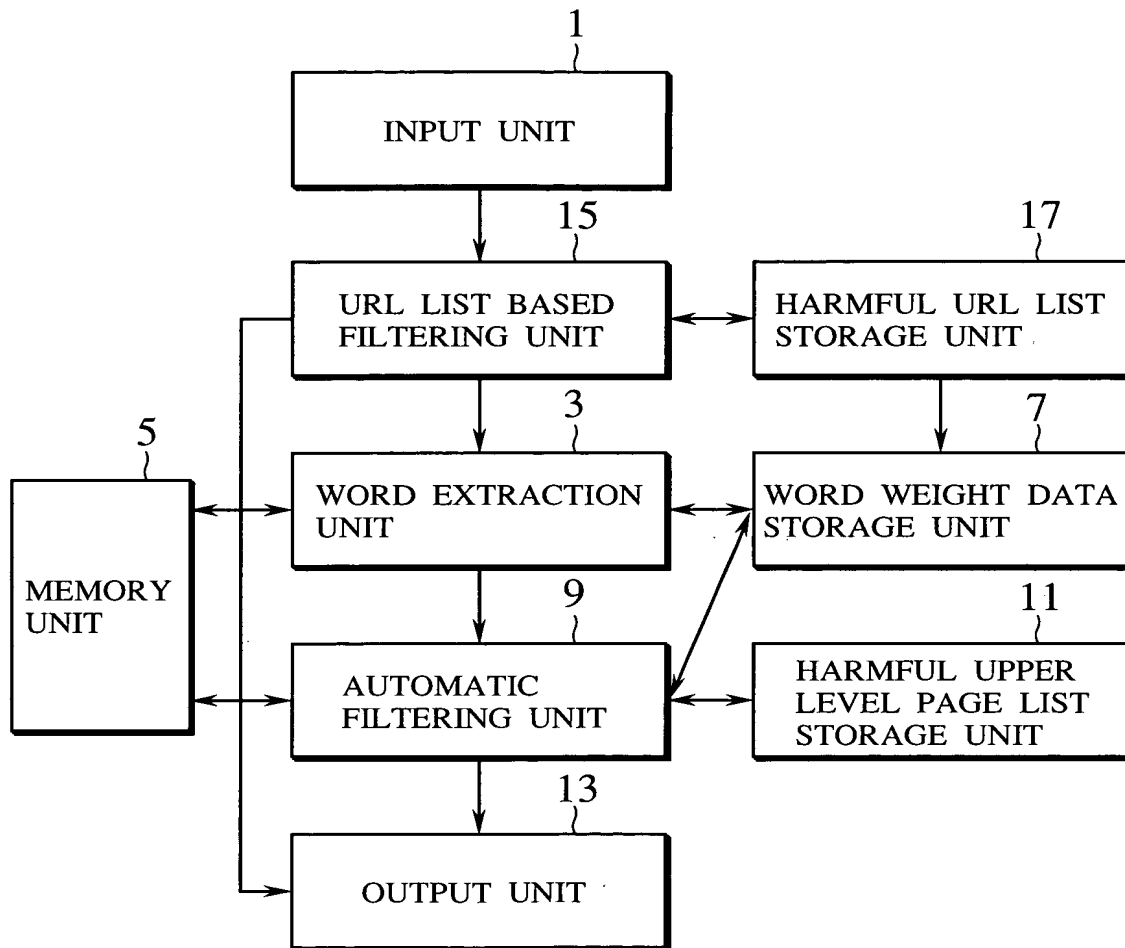


FIG.16

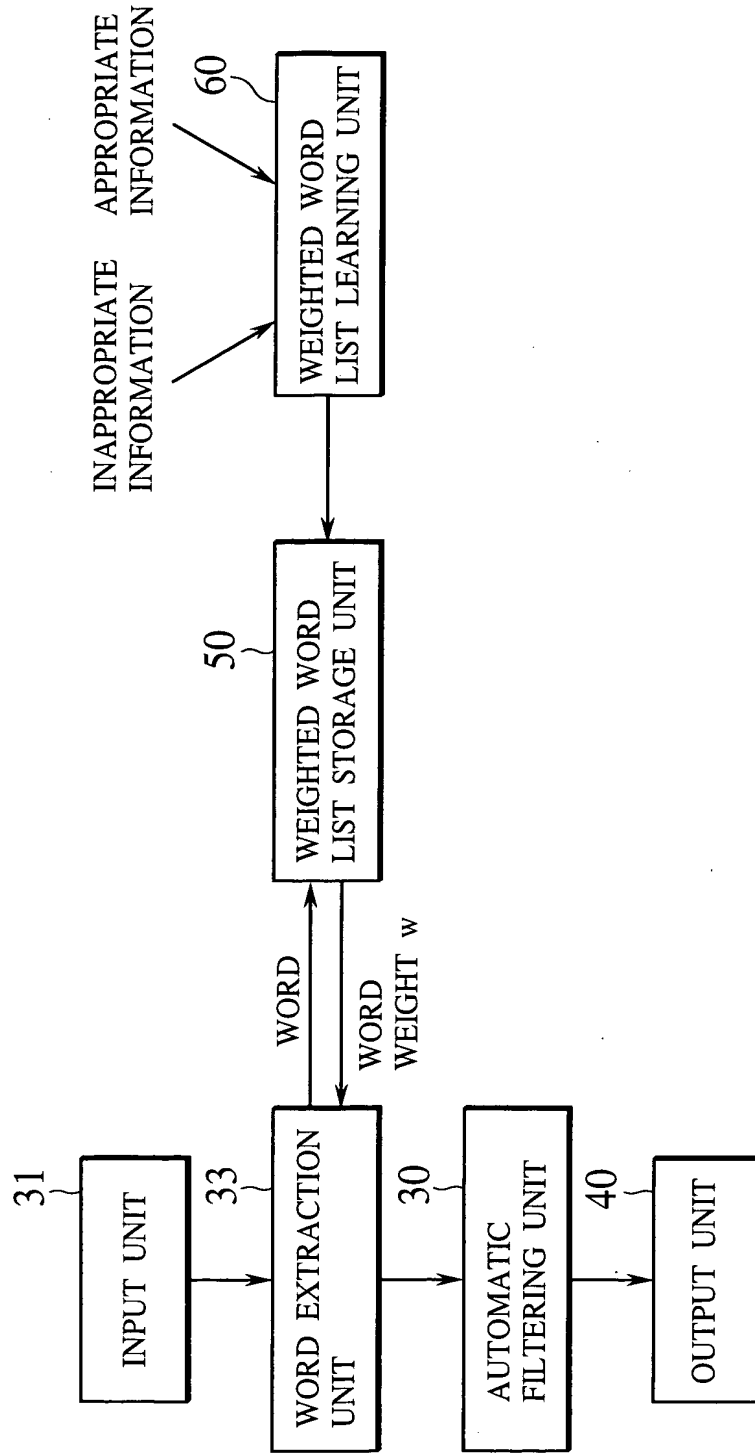


FIG.17

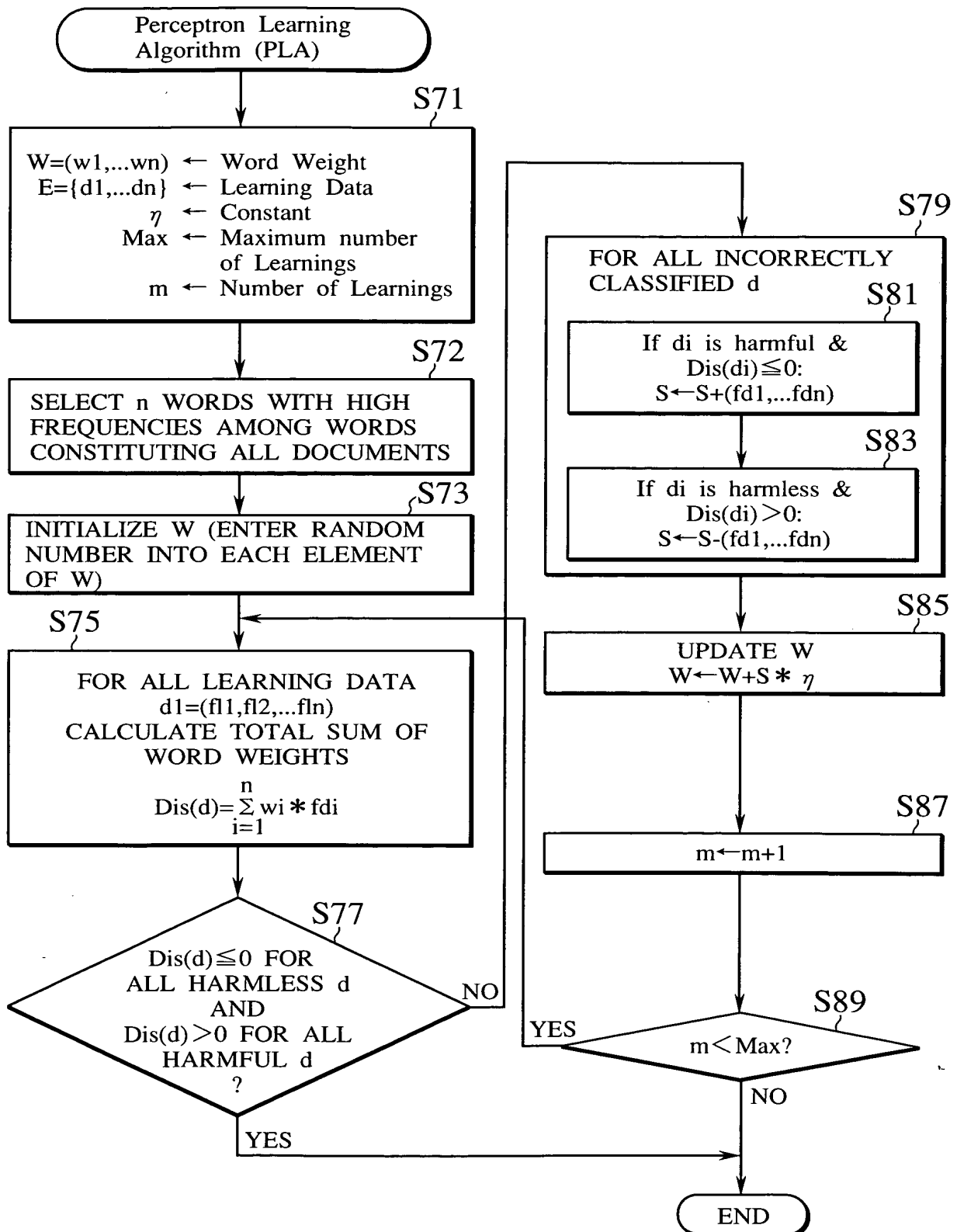


FIG.18

WEIGHTED WORD LIST	
WORD	WORD WEIGHT w
⋮	
IMAGE	10.9
⋮	⋮
SAMPLE	18.7
⋮	⋮
ACCIDENT	-16.6
⋮	⋮
HIGH SCHOOL GIRL	82.2
⋮	⋮
BUS	-101.9
⋮	⋮
HOKKAIDO	-112.5
⋮	⋮
FREE	-6.3
⋮	⋮

FIG.19

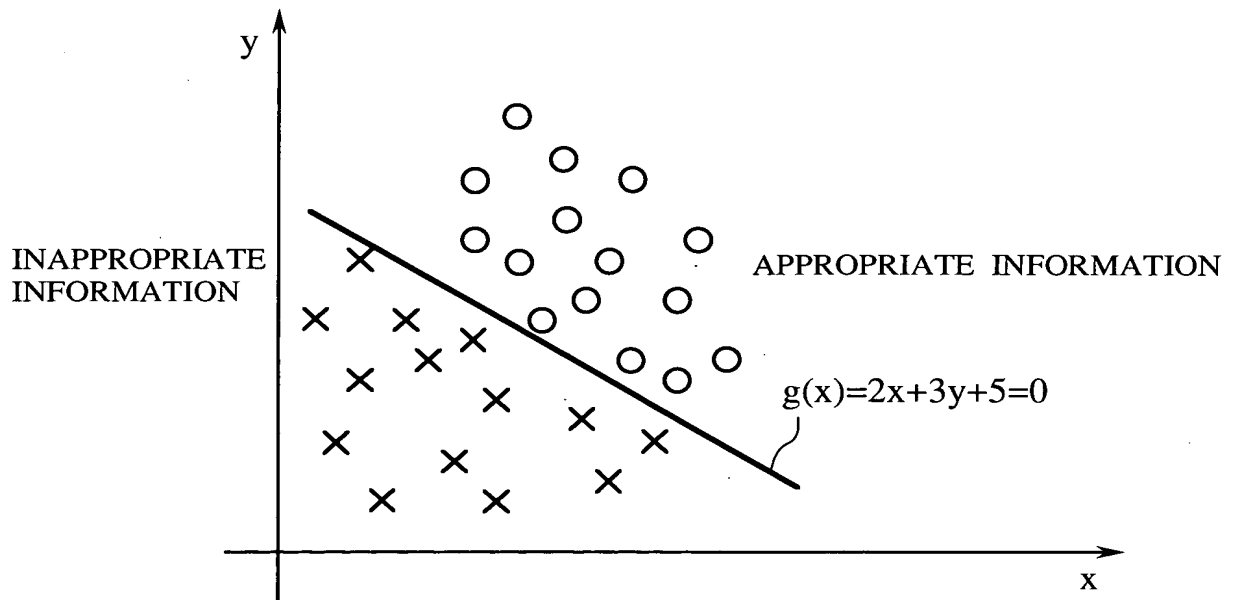


FIG.20

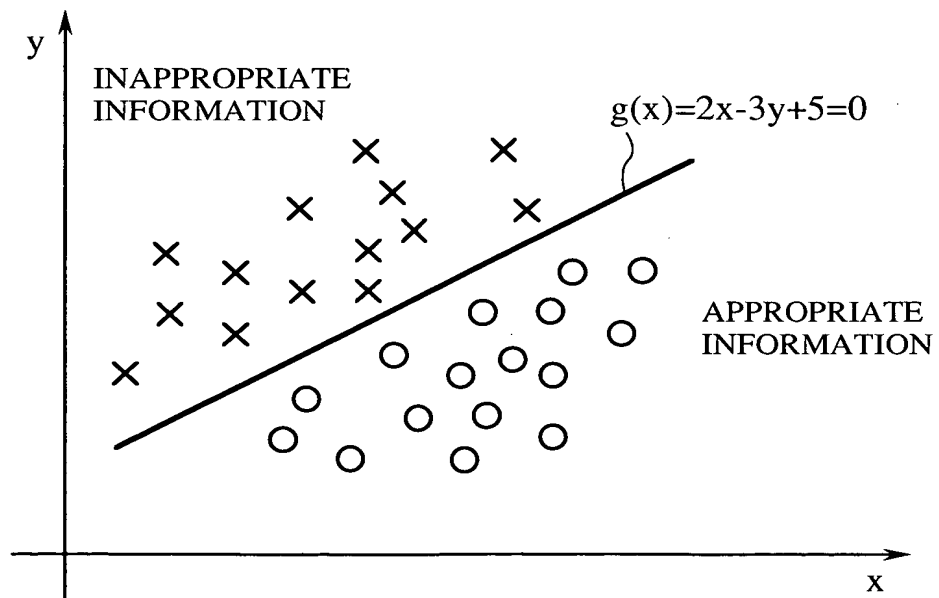
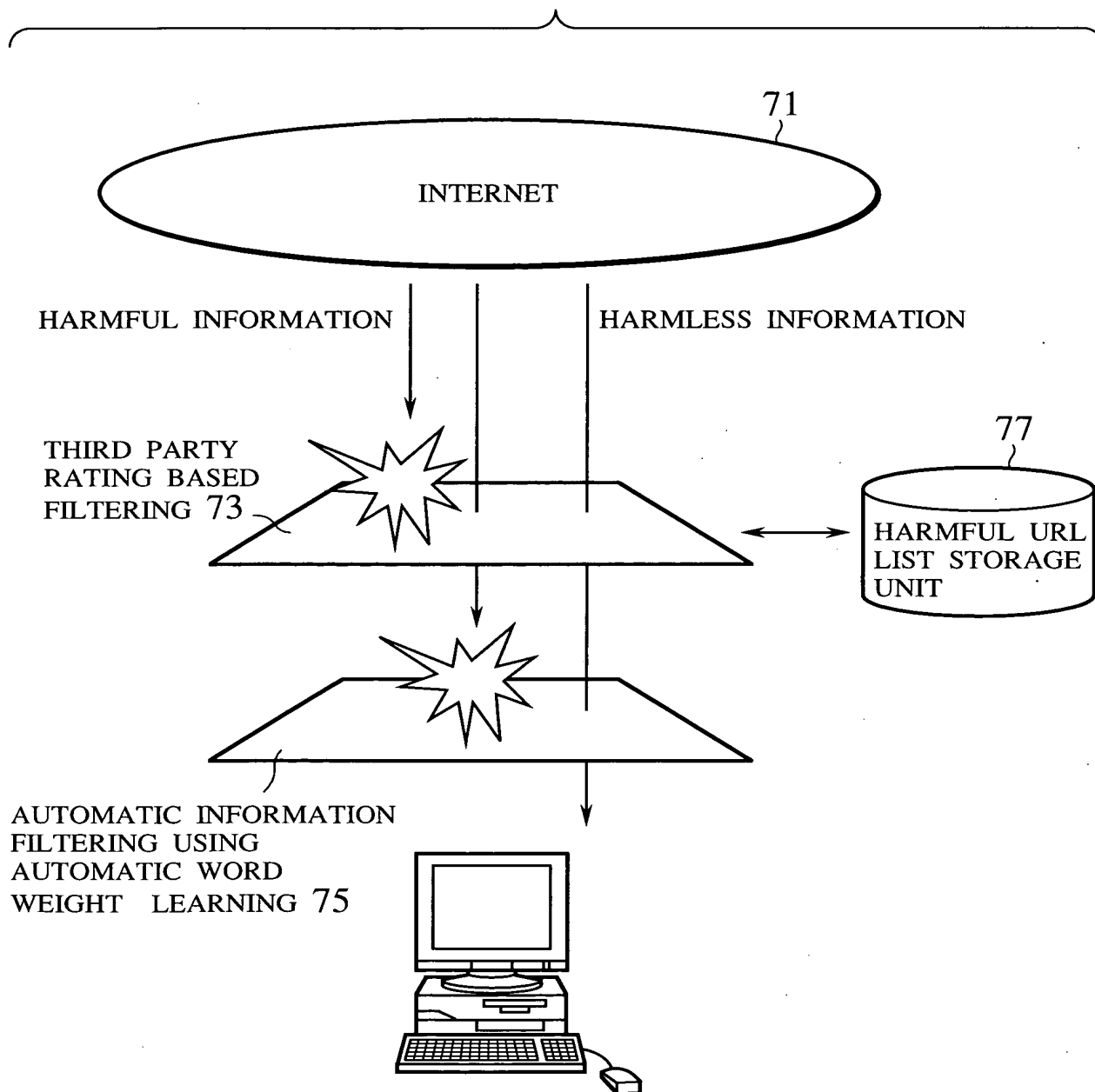


FIG.21



00442072520500